



THE UNITED STATES PATENT AND TRADEMARK OFFICE
Before the Board of Patent Appeals and Interferences

AP 2

In re Patent Application of

Atty Dkt. -30-497

VUORINEN et al

C# M#
TC/A.U.: 1731

Serial No. 09/262,912

Examiner: Hug

Filed: March 5, 1999

Date: March 26, 2007

Title: METHOD OF TREATING CHEMICAL CELLULOSE PULP

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

☐ Correspondence Address Indication Form Attached.

☐ **NOTICE OF APPEAL**

Applicant hereby **appeals** to the Board of Patent Appeals and Interferences
from the last decision of the Examiner twice/finally rejecting
applicant's claim(s).

\$500.00 (1401)/\$250.00 (2401) \$

☐ An appeal **BRIEF** is attached in the pending appeal of the
above-identified application

\$500.00 (1402)/\$250.00 (2402) \$

☐ Credit for fees paid in prior appeal without decision on merits

-\$ ()

☒ A reply brief is attached under Rule 41.41

(no fee)

☐ Pre-Appeal Brief Request for Review form attached.

☐ Petition is hereby made to extend the current due date so as to cover the filing date of this
paper and attachment(s)

One Month Extension \$120.00 (1251)/\$60.00 (2251)

Two Month Extensions \$450.00 (1252)/\$225.00 (2252)

Three Month Extensions \$1020.00 (1253)/\$510.00 (2253)

Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) \$

☐ "Small entity" statement attached.

Less month extension previously paid on

-\$ ()

TOTAL FEE ENCLOSED \$ 0.00

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension.
The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or
asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this
firm) to our **Account No. 14-1140**. A duplicate copy of this sheet is attached.

901 North Glebe Road, 11th Floor
Arlington, Virginia 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100
BHD:bef

NIXON & VANDERHYE P.C.

By Atty: Bryan H. Davidson, Reg. No. 30,251

Signature: 



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In re Patent Application of

VUORINEN et al

Atty. Ref.: **30-497**

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For: **METHOD OF TREATING CHEMICAL CELLULOSE PULP**

* * * * *

Monday, March 26, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY BRIEF

Sir:

The following is intended to reply to certain issues raised in the Examiner's Answer dated January 24, 2007.

Specifically, the Examiner has asserted on page 6 of the Answer that nothing in the applied references is present that would teach away from the present invention. Applicants emphatically disagree with such a position.

In this regard, the present invention has three steps of DAD which are clearly separate process steps. On the contrary, Chang teaches to *split* the charge of chlorine dioxide so that after 5-40 minutes, a second portion of chlorine dioxide is added, after which the treatment lasts further for more than 2 hours. Accordingly, it may be said that Chang has a shorter D step and immediately thereafter a much longer D step. This teaching of Chang most clearly teaches away from having a D step + an A step + a D step.

Thus, the present invention, in which there are even more steps than in Chang's process, is not contemplated at all by Chang. In fact, Chang teaches that an

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intermediate A step is not at all desired. As a result, the applicants maintain that Henricson and Chang cannot be combined in the manner contemplated by the Examiner. As such, reversal of the rejections of record based on such references is in order.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 

Bryan H. Davidson
Reg. No. 30,251

BHD:Imy
901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100